

Crop Progress and Condition



National Agricultural Statistics Service

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ALASKA: There were 7 days suitable for fieldwork last week as most of the major growing areas experienced warmer than normal temperatures and little precipitation. Topsoil moisture supplies were reported as 5% very short, 30% short, 60% adequate, 5% surplus. Subsoil moisture supplies were listed as 20% short, 80% adequate. Barley was reported as 60% planted. Oats were reported as 15% planted. Progress of fieldwork was reported as 7 days ahead of schedule. Local hay supplies were reported as 50% very short, 35% short, 15% adequate. Condition of livestock was reported 5% poor, 35% fair, 40% good, 20% excellent. Range and pasture condition was reported 30% poor, 30% fair, 40% good. The main farm activities for the week were planting small grains and vegetables, fertilizing hay and pasture, spreading manure, irrigation, field preparation, high tunnel preparation, farm maintenance and fence repair. Local greenhouses are selling bedding plants and flowers.

CROP WEATHER SUMMARY

May 5 – May 11 2014

Days Suitable for Fieldwork: 7.0							
Crop	Topsoil	Subsoil					
Стор	Moisture	Moisture					
Very Short	5%	0%					
Short	30%	20%					
Adequate	60%	80%					
Surplus	5%	0%					
Pan Evaporation ^{1/} UAF-AFES, Trunk Rd 1.23							

TANANA VALLEY: An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 10% very short, 30% short, 60% adequate. Subsoil moisture was reported as 20% short, 80% adequate. Barley was reported as 60% planted. Oats were reported as 10% planted. Progress of fieldwork was reported as 5 days ahead of schedule. Local hay supplies were reported as 75% very short, 25% short. Condition of livestock was reported as 10% poor, 50% fair, 40% good. Range and pasture condition was reported 40% poor, 30% fair, 30% good. Farm activities for the week included planting small grains, field preparation, fertilizing pasture and hay, spreading manure, seed cleaning, high tunnel planting and preparation. Local greenhouses are open.

MATANUSKA VALLEY: An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 20% short, 75% adequate, 5% surplus. Subsoil moisture was reported as 5% very short, 5% short, 90% adequate. Small grain planting is underway. Progress of fieldwork was reported as 10 days ahead of schedule. Local hay supplies were reported as 20% very short, 50% short, 30% adequate. Condition of livestock was reported as 10% fair, 50% good, 40% excellent. Range and pasture condition was reported 10% poor, 35% fair, 55% good. Farm activities for the week included planting small grains and vegetables, fertilizing hay and pasture, irrigation activities, field preparation, high tunnel preparation. Local greenhouses are open.

KENAI PENINSULA: An average of 7.0 days was suitable for fieldwork. Topsoil moisture was reported as 20% very short, 80% short. Subsoil moisture was reported as 100% short. Progress of fieldwork was reported as 7 days ahead of schedule. Local hay supplies were reported as 100% very short. Farm activities for the week included field preparation, fertilizing hay and pasture. Local greenhouses are open.

Soil Temperatures (F 0) at 4 inch depth

		Grass		Fallow land			Temperature		Precipitation	
	2014	2013	2012	2014	2013	2012	High	Low	(inches)	
UAF-AFES, Trunk Rd	37	na	36	46	na	49	69	32	0.06	
Sawmill Creek	36	35	33	na	na	na	65	26	0.00	
Plant Materials Center	48	31	38	47	30	42	72	34	0.00	

^{1/} Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

Weekly Weather Statistics — Alaska: May 5 - May 11, 2014

Air temperature			Last week precipitation		Season cumulative precipitation			Growing degree days			
Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
									Total	DFN	Total
66	31	46	+1	0.02	2	0.02	-0.10	2	20	+20	97
66	27	43	-2	0.00	0	0.00	-0.13	0	13	+13	69
63	29	44	+0	0.04	2	0.04	-0.01	2	11	+13	77
65	32	47	+3	0.00	0	0.00	-0.12	0	11	+0	91
61	30	44	+2	0.07	2	0.07	-0.06	2	6	+9	67
67	31	48	+8	0.00	0	0.00	-0.11	0	1	+1	87
64	36	47	+5	0.23	1	0.23	+0.01	1	4	+4	87
69	36	52	+7	0.01	1	0.01	-0.18	1	27	+25	135
67	30	47	+5	0.45	2	0.45	-0.07	2	10	+12	93
67	39	50	+6	0.24	1	0.24	+0.05	1	17	+17	117
66	39	51	+7	0.20	1	0.20	-0.02	1	20	+20	122
66	32	45	+4	0.40	1	0.40	+0.07	1	3	+3	63
67	34	49	+8	0.11	3	0.11	-0.33	3	6	+6	94
66	36	50	+8	0.31	3	0.31	-1.89	3	16	+16	100
	Hi 66 63 65 61 67 64 69 67 66 66 67	Hi Low 66 31 66 27 63 29 65 32 61 30 67 31 64 36 69 36 67 30 67 39 66 39 66 32 67 34	Hi Low AVG 66 31 46 66 27 43 63 29 44 65 32 47 61 30 44 67 31 48 64 36 47 69 36 52 67 30 47 67 39 50 66 39 51 66 32 45 67 34 49	Hi Low AVG DFN 66 31 46 +1 66 27 43 -2 63 29 44 +0 65 32 47 +3 61 30 44 +2 67 31 48 +8 64 36 47 +5 69 36 52 +7 67 30 47 +5 67 39 50 +6 66 39 51 +7 66 32 45 +4 67 34 49 +8	Hi Low AVG DFN Total inches 66 31 46 +1 0.02 66 27 43 -2 0.00 63 29 44 +0 0.04 65 32 47 +3 0.00 61 30 44 +2 0.07 67 31 48 +8 0.00 64 36 47 +5 0.23 69 36 52 +7 0.01 67 30 47 +5 0.45 67 39 50 +6 0.24 66 39 51 +7 0.20 66 32 45 +4 0.40 67 34 49 +8 0.11	Hi Low AVG DFN Total inches Days 66 31 46 +1 0.02 2 66 27 43 -2 0.00 0 63 29 44 +0 0.04 2 65 32 47 +3 0.00 0 61 30 44 +2 0.07 2 67 31 48 +8 0.00 0 64 36 47 +5 0.23 1 69 36 52 +7 0.01 1 67 39 50 +6 0.24 1 66 39 51 +7 0.20 1 66 32 45 +4 0.40 1 67 34 49 +8 0.11 3	Hi Low AVG DFN Total inches Days Total inches 66 31 46 +1 0.02 2 0.02 66 27 43 -2 0.00 0 0.00 63 29 44 +0 0.04 2 0.04 65 32 47 +3 0.00 0 0.00 61 30 44 +2 0.07 2 0.07 67 31 48 +8 0.00 0 0.00 64 36 47 +5 0.23 1 0.23 69 36 52 +7 0.01 1 0.01 67 39 50 +6 0.24 1 0.24 66 39 51 +7 0.20 1 0.20 66 32 45 +4 0.40 1 0.40 67 34 49 <	Hi Low AVG DFN Total inches Days Total inches DFN 66 31 46 +1 0.02 2 0.02 -0.10 66 27 43 -2 0.00 0 0.00 -0.13 63 29 44 +0 0.04 2 0.04 -0.01 65 32 47 +3 0.00 0 0.00 -0.12 61 30 44 +2 0.07 2 0.07 -0.06 67 31 48 +8 0.00 0 0.00 -0.11 64 36 47 +5 0.23 1 0.23 +0.01 69 36 52 +7 0.01 1 0.01 -0.18 67 39 50 +6 0.24 1 0.24 +0.05 66 39 51 +7 0.20 1 0.20 -0.02	Air temperature precipitation precipitation Hi Low AVG DFN Total inches Days Total inches DFN Days 66 31 46 +1 0.02 2 0.02 -0.10 2 66 27 43 -2 0.00 0 0.00 -0.13 0 63 29 44 +0 0.04 2 0.04 -0.01 2 65 32 47 +3 0.00 0 0.00 -0.12 0 61 30 44 +2 0.07 2 0.07 -0.06 2 67 31 48 +8 0.00 0 0.00 -0.11 0 64 36 47 +5 0.23 1 0.23 +0.01 1 69 36 52 +7 0.01 1 0.01 -0.18 1 67 30 47 +5 0.45 2 0.45 -0.07 2 67 39 50 +6 0.24 1 0.24 +0.05 1 66 39 51 +7 0.20 1 0.20 -0.02 1 66 32 45 +4 0.40 1 0.40 +0.07 1 67 34 49 +8 0.11 3 0.11 -0.33 3	Hi Low AVG DFN Total inches Days Total inches DFN Days Total Total inches DFN Days Total inches DFN Days Total DFN Days DAYS DFN DAYS DAYS DFN DAYS DAYS	Hi Low AVG DFN Total inches Days Total inches DFN Days Days Total DFN Days Days Total DFN Days Days DFN Days DFN Days DFN Days DFN DFN

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more. Season cumulative precipitation total starts May 1, 2014.

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